2/2.8 #2

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/066,151

DATE: 02/25/2002
TIME: 10:01:47

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

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 4 <110> APPLICANT: Hogan, Patrick G.
 5       Rao, Anjana
 6       Aramburu, Jose
 8 <120> TITLE OF INVENTION: SPECIFIC INHIBITORS OF NFAT ACTIVATION
 9       BY CALCINEURIN AND THEIR USE IN TREATING IMMUNE-RELATED
10       DISEASES
12 <130> FILE REFERENCE: 10861-004002
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/066,151
C--> 14 <141> CURRENT FILING DATE: 2002-01-31
14 <150> PRIOR APPLICATION NUMBER: 09/248,620
15 <151> PRIOR FILING DATE: 1999-02-11
17 <150> PRIOR APPLICATION NUMBER: 60/074,467
18 <151> PRIOR FILING DATE: 1998-02-12
20 <160> NUMBER OF SEQ ID NOS: 114
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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25 <211> LENGTH: 5
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
30 Arg Ile Glu Ile Thr
31  1               5
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 5
35 <212> TYPE: PRT
36 <213> ORGANISM: Homo sapiens
38 <400> SEQUENCE: 2
39 Ser Ile Arg Ile Thr
40  1               5
42 <210> SEQ ID NO: 3
43 <211> LENGTH: 5
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 3
48 Ser Ile Gln Ile Thr
49  1               5
51 <210> SEQ ID NO: 4
52 <211> LENGTH: 5
53 <212> TYPE: PRT
54 <213> ORGANISM: Mus musculus
56 <400> SEQUENCE: 4
57 Ser Ile Gln Phe Thr
58  1               5
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RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/10/066,151 TIME: 10:01:47

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

<210> SEQ ID NO: 5
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 5
Pro Arg Ile Glu Ile Thr
1 5
<210> SEQ ID NO: 6
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 6
Pro Ser Ile Arg Ile Thr
1 5
<210> SEQ ID NO: 7
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 7
Pro Ser Ile Gln Phe Thr
1 5
<210> SEQ ID NO: 8
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 8
Ser Pro Arg Ile Glu Ile Thr
1 5
<210> SEQ ID NO: 9
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 9
Cys Pro Ser Ile Arg Ile Thr
1 5
<210> SEQ ID NO: 10
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 10
Cys Pro Ser Ile Gln Ile Thr
1 5
<210> SEQ ID NO: 11
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 11
Cys Pro Ser Ile Gln Phe Thr
1 5

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/10/066,151 TIME: 10:01:47

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

<210> SEQ ID NO: 12
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 12
Ser Pro Arg Ile Glu Ile Thr Pro
1 5
<210> SEQ ID NO: 13
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 13
Ser Pro Arg Ile Glu Ile Thr Ser
1 5
<210> SEQ ID NO: 14
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 14
Cys Pro Ser Ile Arg Ile Thr Ser
1 5
<210> SEQ ID NO: 15
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 15
Cys Pro Ser Ile Gln Ile Thr Ser
1 5
<210> SEQ ID NO: 16
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM: Mus musculus
<400> SEQUENCE: 16
Cys Pro Ser Ile Gln Phe Thr Ser
1 5
<210> SEQ ID NO: 17
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 17
Ser Pro Arg Ile Glu Ile Thr Pro Ser
1 5
<210> SEQ ID NO: 18
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 18
Ser Pro Arg Ile Glu Ile Thr Ser Cys
1 5

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/10/066,151 TIME: 10:01:47

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

186 <210> SEQ ID NO: 19
187 <211> LENGTH: 9
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 19
192 Cys Pro Ser Ile Arg Ile Thr Ser Ile
193 1 5
195 <210> SEQ ID NO: 20
196 <211> LENGTH: 9
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 20
201 Cys Pro Ser Ile Gln Ile Thr Ser Ile
202 1 5
204 <210> SEQ ID NO: 21
205 <211> LENGTH: 9
206 <212> TYPE: PRT
207 <213> ORGANISM: Mus musculus
209 <400> SEQUENCE: 21
210 Cys Pro Ser Ile Gln Phe Thr Ser Ile
211 1 5
213 <210> SEQ ID NO: 22
214 <211> LENGTH: 13
215 <212> TYPE: PRT
216 <213> ORGANISM: Mus musculus
218 <400> SEQUENCE: 22
219 Ser Gly Pro Ser Pro Arg Ile Glu Ile Thr Pro Ser His
220 1 5 10
222 <210> SEQ ID NO: 23
223 <211> LENGTH: 13
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 23
228 Ser Gly Leu Ser Pro Arg Ile Glu Ile Thr Pro Ser His
229 1 5 10
231 <210> SEQ ID NO: 24
232 <211> LENGTH: 13
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 24
237 Ala Leu Glu Ser Pro Arg Ile Glu Ile Thr Ser Cys Leu
238 1 5 10
240 <210> SEQ ID NO: 25
241 <211> LENGTH: 13
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
245 <400> SEQUENCE: 25
246 Val Leu Glu Cys Pro Ser Ile Arg Ile Thr Ser Ile Ser
247 1 5 10

RAW SEQUENCE LISTING DATE: 02/25/2002
PATENT APPLICATION: US/10/066,151 TIME: 10:01:47

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

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249 <210> SEQ ID NO: 26
250 <211> LENGTH: 13
251 <212> TYPE: PRT
252 <213> ORGANISM: Homo sapiens
254 <400> SEQUENCE: 26
255 Pro Phe Glu Cys Pro Ser Ile Gln Ile Thr Ser Ile Ser
256  1               5                  10
258 <210> SEQ ID NO: 27
259 <211> LENGTH: 13
260 <212> TYPE: PRT
261 <213> ORGANISM: Mus musculus
263 <400> SEQUENCE: 27
264 Pro Phe Glu Cys Pro Ser Ile Gln Ile Thr Ser Ile Ser
265  1               5                  10
267 <210> SEQ ID NO: 28
268 <211> LENGTH: 13
269 <212> TYPE: PRT
270 <213> ORGANISM: Mus musculus
272 <400> SEQUENCE: 28
273 Pro Phe Glu Cys Pro Ser Ile Gln Phe Thr Ser Ile Ser
274  1               5                  10
276 <210> SEQ ID NO: 29
277 <211> LENGTH: 25
278 <212> TYPE: PRT
279 <213> ORGANISM: Mus musculus
281 <400> SEQUENCE: 29
282 Lys Pro Ala Gly Ala Ser Gly Pro Ser Pro Arg Ile Glu Ile Thr Pro
283  1               5                  10                  15
284 Ser His Glu Leu Met Gln Ala Gly Gly
285             20                  25
287 <210> SEQ ID NO: 30
288 <211> LENGTH: 25
289 <212> TYPE: PRT
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 30
293 Lys Pro Ala Gly Ala Ser Gly Leu Ser Pro Arg Ile Glu Ile Thr Pro
294  1               5                  10                  15
295 Ser His Glu Leu Ile Gln Ala Val Gly
296             20                  25
298 <210> SEQ ID NO: 31
299 <211> LENGTH: 25
300 <212> TYPE: PRT
301 <213> ORGANISM: Homo sapiens
303 <400> SEQUENCE: 31
304 Pro Asp Gly Ala Pro Ala Leu Glu Ser Pro Arg Ile Glu Ile Thr Ser
305  1               5                  10                  15
306 Cys Leu Gly Leu Tyr His Asn Asn Asn
307             20                  25
309 <210> SEQ ID NO: 32
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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 02/25/2002
PATENT APPLICATION: US/10/066,151 TIME: 10:01:48

Input Set : A:\10861-004002.TXT
Output Set: N:\CRF3\02252002\J066151.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:1130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104